



Appl. No. 09/322,259

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : John Terrance Reagan ;  
Appl. No. : 09/322,259 ; Grp./Art Unit : 2654  
Filed : 28 May 1999 ; Examiner: M. Opsasnick  
Title : Reducing Artifact Generation In ;  
A Vocoder ;  
  
Docket No. : PHA51214 (New) ;  
VLSI-3410 (Old) ;

24/D  
7/21/03  
OK

Assistant Commissioner for Patents

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RESPONSE and AMENDMENT

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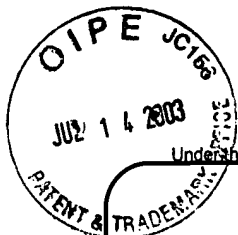
Sir:

This is in response to the Office Action of 07 May 2003.

IN THE CLAIMS

Please amend Claims 1, 5, 9, and 13, as follows.

- 1 1. (Twice Amended) A computer implemented method of reducing sinusoidal  
2 artifact generation in a vocoder, said computer implemented method comprising  
3 the steps of:  
4 a) receiving a determined input energy threshold value below which a  
5 suspected noise-inducing codebook excitation vector is expected to be generated  
6 by said vocoder; and  
7 b) provided an input signal is received having an energy value lower than  
8 said input energy threshold value, using a selection process such that said  
9 suspected noise-inducing codebook excitation vector is not continuously  
10 generated;  
11 wherein the input signal comprises a plurality of subframes, the subframes



2654

PTO/SB/21 (05-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	09/322,259	
	Filing Date	28 May 1999	
	First Named Inventor	John Terrance Reagan	
	Art Unit	2654	
	Examiner Name	M. Opsasnick	
Total Number of Pages in This Submission	11	Attorney Docket Number	PHA 51214

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
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<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Raymond J. Werner
Signature	Raymond J. Werner Reg. No. 34,752
Date	09 July 2003

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Kathryn G. Nelson		
Signature	Kathryn G. Nelson	Date	09 July 2003

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